

Appl. No. 09/698,362
Amdt. dated June 21, 2004
Reply to Office Action of April 21, 2004

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1 1. (Previously Presented) A method, comprising:
2 establishing a packet-based call session with a remote party over an
3 Internet Protocol network;
4 receiving information associated with at least one physical attribute of the
5 remote party during the packet-based call session, the received information representing
6 movement of the at least one physical attribute, and the received information being
7 different from video data of the at least one physical attribute;
8 animating at least a portion of an image associated with the remote party
9 based on the received information; and
10 displaying the animated image during the packet-based call session.
- 1 2. (Original) The method of claim 1, wherein receiving information
2 associated with at least one physical attribute comprises receiving information associated
3 with facial expressions of the party.
- 1 3. (Previously Presented) The method of claim 1, wherein receiving
2 information associated with at least one physical attribute comprises receiving
3 information associated with the lip movement of the party.
- 1 4. (Previously Presented) The method of claim 3, wherein animating at least
2 a portion of an image comprises animating the lips of the image.
- 1 5. (Previously Presented) The method of claim 1, further comprising:
2 receiving, at a receiving device, at least one of a phone number and name
3 associated with the packet-based call session; and
4 determining whether the image associated with the remote party is stored
5 locally in the receiving device based on the at least one of the phone number and name
6 associated with the packet-based call session.

Appl. No. 09/698,362
Amdt. dated June 21, 2004
Reply to Office Action of April 21, 2004

1 6. (Original) The method of claim 1, wherein receiving information
2 associated with at least one physical attribute comprises receiving a numeric value
3 associated with one of a plurality of facial expressions.

1 7. (Previously Presented) The method of claim 1, further comprising
2 receiving voice signals during the packet-based call session.

1 8. (Previously Presented) The method of claim 7, wherein displaying the
2 animated image comprises displaying an image of moving lips of the party that are
3 substantially synchronized with the voice signals.

1 9. (Previously Presented) The method of claim 1, wherein establishing the
2 packet-based call session over an Internet Protocol network comprises establishing the
3 packet-based call session over a wireless link.

1 10. (Previously Presented) An apparatus, comprising:
2 an interface adapted to receive voice information and animation
3 information in a packet-based call session from a party, wherein the animation
4 information is representative of a facial expression of the party, and the animation
5 information is different from video data of the facial expression;
6 at least one storage device to store:
7 an electronic representation of an image of the party; and
8 a controller adapted to:
9 communicate Session Initiation Protocol messaging over a packet-
10 based network to establish the packet-based call session;
11 animate at least a portion of the electronic representation of the
12 image based on the animation information received in the packet-based call session; and
13 display the animated image during the packet-based call session.

Appl. No. 09/698,362
Amdt. dated June 21, 2004
Reply to Office Action of April 21, 2004

1 11. (Previously Presented) The apparatus of claim 10, wherein the controller
2 is adapted to receive calling party information associated with the call session.

1 12. (Previously Presented) The apparatus of claim 11, wherein the controller
2 is adapted to:
3 receive Session Initiation Protocol call setup messaging over a packet-
4 based network from a device associated with the party;
5 transmit Session Initiation Protocol messaging over the packet-based
6 network in response to the call setup messaging;
7 wherein the calling party information is received over the packet-based
8 network; and
9 access the image based on the calling party information.

1 13. (Previously Presented) The apparatus of claim 10, wherein the controller
2 is adapted to animate lips in the image that are substantially synchronized with the voice
3 information.

1 14. (Previously Presented) The apparatus of claim 10, wherein the animation
2 information comprises a numeric value associated with one of a plurality of facial
3 expressions.

1 15. (Original) The apparatus of claim 10, wherein the controller is adapted to:
2 track physical attributes of a user of the apparatus; and
3 map the physical attributes of the user to a selected value.

1 16. (Original) The apparatus of claim 15, wherein the controller is adapted to
2 transmit the selected value to a remote telecommunications device.

1 17. (Previously Presented) The apparatus of claim 12, wherein the interface is
2 adapted to receive the voice information and the animation information in a packet-based
3 call session established over a wireless link.

Appl. No. 09/698,362
Arndt, dated June 21, 2004
Reply to Office Action of April 21, 2004

1 18. (Previously Presented) An article comprising at least one machine-
2 readable storage medium containing instructions that when executed cause a processor to:
3 communicate Session Initiation Protocol messaging to establish a packet-
4 based call session;
5 receive a voice signal from a participant during the packet-based call
6 session;
7 receive information representing at least a portion of a face of the
8 participant during the packet-based call session, the received information to indicate
9 movement of at least the portion of the face of the participant, the received information
10 different from video data of at least the portion of the face; and
11 animate an image based on the received information so that movement of
12 the face is substantially synchronized with the voice signal.

1 19. (Cancelled)

1 20. (Previously Presented) The article of claim 18, wherein the instructions
2 when executed cause the processor to retrieve the image from a storage device.

1 21. (Previously Presented) The article of claim 18, wherein the instructions
2 when executed cause the processor to retrieve the image based on at least one of a phone
3 number and name of the participant.

1 22. (Previously Presented) The article of claim 18, wherein the instructions
2 when executed cause the processor to retrieve mapping information in the call session,
3 wherein animating the image is based on the mapping information.

1 23. (Cancelled)

1 24. (Previously Presented) The article of claim 18, wherein the instructions
2 when executed cause the processor to display the animated image.

Appl. No. 09/698,362
Amdt. dated June 21, 2004
Reply to Office Action of April 21, 2004

1 25. - 29. (Cancelled)

1 30. (Previously Presented) A communications system, comprising:
2 a first telecommunications device adapted to:
3 track at least one physical attribute of a participant;
4 associate the physical attribute with selected values; and
5 transmit the selected values over an Internet Protocol network, the
6 selected values being different from video data of the physical attribute of the participant;
7 and
8 a second telecommunications device capable of receiving the
9 selected values, the second telecommunications device adapted to:
10 establish a call session over the Internet Protocol network with the
11 first telecommunications device using Session Initiation Protocol messaging;
12 receive the selected values over the Internet Protocol network
13 during the call session;
14 animate the physical attribute of the participant based on an image
15 and the selected values; and
16 display the animated image during the call session.

1 31. (Previously Presented) The communications system of claim 30, wherein
2 the selected values represent a plurality of facial expressions of the participant.

1 32. (Previously Presented) The communications system of claim 31, wherein
2 the first telecommunications device is adapted to transmit a voice signal in the call
3 session.

1 33. (Original) The communications system of claim 32, wherein the
2 reconstructed image comprises an animated image of the lips of the participant
3 substantially synchronized with the voice signal.

Appl. No. 09/698,362
Amdt. dated June 21, 2004
Reply to Office Action of April 21, 2004

1 34. (Cancelled)

1 35. (Previously Presented) An apparatus, comprising:
2 a video camera adapted to track at least one physical attribute of user; and
3 a controller adapted to:
4 establish a packet-based call session with a remote wireless
5 telecommunications device over a wireless Internet Protocol network;
6 determine animation information based on the at least one
7 physical attribute of the user; and
8 transmit the animation information to the remote wireless
9 telecommunications device in the packet-based call session over the wireless Internet
10 Protocol network.

1 36. - 41. (Cancelled)

1 42. (Previously Presented) The method of claim 1, wherein animating the
2 image based on the received information is based on information consuming less
3 bandwidth than the video data.

1 43. (Previously Presented) The apparatus of claim 10, wherein the animation
2 information consumes less bandwidth than the video data.

1 44. (Previously Presented) The article of claim 18, wherein the received
2 information consumes less bandwidth than the video data.

1 45. (Cancelled)

1 46. (Previously Presented) The apparatus of claim 35, wherein the selected
2 values consume less bandwidth than video image data representing the user.

Appl. No. 09/698,362
Amdt. dated June 21, 2004
Reply to Office Action of April 21, 2004

1 47. (Previously Presented) The method of claim 1, wherein establishing the
2 packet-based call session comprises communicating Session Initiation Protocol
3 messaging to establish the packet-based call session.

1 48. (Cancelled)

1 49. (Previously Presented) The apparatus of claim 10, wherein the controller
2 comprises a Session Initiation Protocol stack to communicate the Session Initiation
3 Protocol messaging.

1 50. (Previously Presented) The apparatus of claim 49, further comprising a
2 Real-Time Protocol component to communicate real-time messaging during the call
3 session.

1 51. (Previously Presented) The method of claim 5, further comprising:
2 accessing the image stored locally in the receiving device in response to
3 determining that the image is stored locally; and
4 accessing the image from another device over the Internet Protocol
5 network in response to determining that the image is not stored locally.

1 52. (Previously Presented) The apparatus of claim 12, wherein the controller
2 is adapted to:
3 determine whether the image is stored locally in the apparatus;
4 in response to determining that the image is stored locally, access the
5 image locally; and
6 in response to determining that the image is not stored locally, access the
7 image over the packet-based network.

Appl. No. 09/698,362
Amdt. dated June 21, 2004
Reply to Office Action of April 21, 2004

1 53. (Previously Presented) The article of claim 18, wherein the instructions
2 when executed cause the processor to:
3 receive calling party information associated with the participant;
4 retrieve the image based on the received calling party information;
5 determine whether the image is stored locally in a device in which the
6 processor is located;
7 in response to determining that the image is stored locally, access the
8 image in the device; and
9 in response to determining that the image is not stored locally, access the
10 image from another device over a packet-based network.

1 54. (Previously Presented) The apparatus of claim 35, wherein the controller
2 is adapted to exchange Session Initiation Protocol messaging with the remote wireless
3 telecommunications device over the wireless Internet Protocol network.